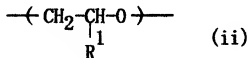
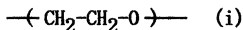


AMENDMENTS TO THE CLAIMS

1. **(Currently Amended)** A polymer electrolyte composition comprising:

(1) a crosslinked material of a polyether binary copolymer which has a main chain comprising consisting of repeating units of the formula (i) and crosslinking units of the formula (ii), and which has a weight-average molecular weight of 10^4 to 10^7 ,

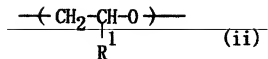
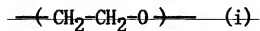


wherein R^1 is an ethylenically unsaturated group having an ester linkage.

(2) an electrolyte solution comprising an aprotic organic solvent,

(3) an additive, as an optical ingredient, which comprises an ether compound having an ethylene oxide unit, and

(4) an electrolyte salt compound comprising a lithium salt compound.



wherein R^1 is an ethylenically unsaturated group having an ester linkage.

2. **(Currently Amended)** The polymer electrolyte composition according to claim 1, wherein the repeating units of the formula (ii) is are crosslinkable components derived from glycidyl acrylate or glycidyl methacrylate.

3. (Currently Amended) The polymer electrolyte composition according to claim 1, wherein the weight-average molecular weight of the polyether binary copolymer is within the range from 10^5 to 5×10^6 .

4. (Previously Presented) The polymer electrolyte composition according to claim 1, which comprises 80 to 99.5 mol% of the units of the formula (i) and 0.5 to 20 mol% of the units of the formula (ii).

5. (Previously Presented) A battery comprising the polymer electrolyte composition according to claim 1, a positive electrode and a negative electrode.

6. (Previously Presented) A battery comprising the polymer electrolyte composition according to claim 2, a positive electrode and a negative electrode.

7. (Previously Presented) A battery comprising the polymer electrolyte composition according to claim 3, a positive electrode and a negative electrode.

8. (Previously Presented) A battery comprising the polymer electrolyte composition according to claim 4, a positive electrode and a negative electrode.